

Cat6a F/FTP B2ca Solid Cable

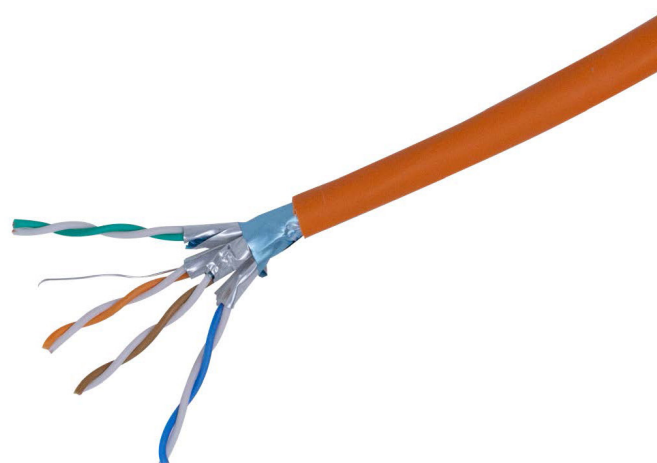
Connectix Category 6A F/FTP Cable has been designed to provide the exceptional performance required to support extremely high speed applications, including 10-Gigabit Ethernet.

The cable consists of four individually screened pairs, drain wire and additional outer foil to provide excellent NEXT and alien crosstalk performance.

The sheath is a low smoke zero halogen (LSZH) material with a CPR rating of B2ca-s1a-d1-a1 and fully meets the requirements of BS6701:2016:A1+2017. Provided in 305m reel, metre marked boxes.

Cable Specifications

| | |
|----------------------------------|---|
| Conforms to | ISO/IEC 11801;EN 50173-1, ANSI/TIA 568-C Category 6A, IEEE802.3an 10-Gigabit Ethernet |
| Reaction to Fire | B2ca-s1a,d1,a1 |
| Conductor | Solid - Bare copper wire (AWG 23) |
| Insulation Material | Skin-foam-skin PE Ø 1.45 mm |
| Insulation Diameter | 1.330 +/- 0.05mm |
| Drain Wire | Tinned Copper |
| Screening Material | Alu / Mylar |
| Sheath - Thickness | 0.65+/-0.1mm |
| Sheath - External OD | 7.6 +/- 0.5mm |
| Sheath - Surface | Clean |
| Sheath - Colour | Orange - RAL 2004 |
| Sheath - Material | LSZH (Complies RoHs) |
| Core Colour | 1. White/Blue, 2. White/Orange, 3. White/Green, 4.White/Brown |
| Surface Printing - Colour | Black |
| Surface Printing - Letter Height | 3.0 +/-0.3mm |
| Supplied in | 305m Box |



Electrical Specifications

| | | |
|--|------------------------|-----------------|
| DC Resistance | < 9.38 Ω /100 m | |
| DC Resistance Unbalance Max | 5% | |
| Capacitance Unbalance (pair to ground) | < 330 pF/100 m | |
| Impedance (Ω) | 1.0-250.0 MHz | 250.0-500.0 MHz |
| | 100+/-15 | 100+/-22 |

Ordering Information

| | |
|---------------------------------------|----------------|
| Product Description | Part Number |
| Cat6a F/FTP B2ca Solid Cable 305m Box | 001-003-003-95 |